

## EAST Search History

| Ref # | Hits  | Search Query   | DBs        | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|------------|------------------|---------|------------------|
| S1    | 43504 | PCR  | USPAT      | AND              | OFF     | 2006/09/21 15:11 |
| S2    | 627   | (double near2 strand\$2) WITH dye\$1                     | USPAT      | AND              | OFF     | 2006/09/21 15:11 |
| S3    | 509   | S1 and S2  | USPAT      | AND              | OFF     | 2006/09/21 15:11 |
| S4    | 9531  | (first SAME second ) SAME template\$1                    | USPAT      | AND              | OFF     | 2006/09/21 15:12 |
| S5    | 3367  | (first near3 emission\$1) and (second near3 emission\$1) | USPAT      | AND              | OFF     | 2006/09/21 15:13 |
| S6    | 9     | S3 and S4 and S5   | USPAT      | AND              | OFF     | 2006/09/21 15:33 |
| S7    | 25    | S4 and S5  | USPAT      | AND              | OFF     | 2006/09/21 15:33 |
| S8    | 1     | S7 and amplicon\$1                                       | USPAT      | AND              | OFF     | 2006/09/21 15:34 |
| S9    | 22    | S3 and S5  | USPAT      | AND              | OFF     | 2006/09/21 15:34 |
| S10   | 2     | S9 and amplicon\$1                                       | USPAT      | AND              | OFF     | 2006/09/25 13:01 |
| S11   | 43504 | PCR  | USPAT      | AND              | OFF     | 2006/09/25 13:02 |
| S12   | 627   | (double near2 strand\$2) WITH dye\$1                     | USPAT      | AND              | OFF     | 2006/09/25 13:02 |
| S13   | 509   | S11 and S12  | USPAT      | AND              | OFF     | 2006/09/25 13:02 |
| S14   | 3367  | (first near3 emission\$1) and (second near3 emission\$1) | USPAT      | AND              | OFF     | 2006/09/25 13:02 |
| S15   | 22    | S13 and S14  | USPAT      | AND              | OFF     | 2006/09/25 13:02 |
| S16   | 2     | S15 and amplicon\$1                                      | USPAT      | AND              | OFF     | 2006/09/25 13:02 |
| S17   | 2     | S16  | USPAT; JPO | AND              | OFF     | 2006/09/26 11:50 |
| S18   | 1     | "7013221"  | USPAT; JPO | AND              | OFF     | 2006/09/27 15:27 |
| S19   | 2699  | real-time and pcr  | USPAT; JPO | AND              | OFF     | 2006/09/27 15:27 |
| S20   | 13733 | quantif\$7 and pcr                                       | USPAT; JPO | AND              | OFF     | 2006/09/27 15:28 |
| S21   | 1230  | S19 and S20  | USPAT; JPO | AND              | OFF     | 2006/09/27 15:28 |
| S22   | 587   | real-time SAME quantif\$7                                | USPAT; JPO | AND              | OFF     | 2006/09/27 15:28 |
| S23   | 180   | real-time SAME quantif\$7 and pcr                        | USPAT; JPO | AND              | OFF     | 2006/09/27 18:00 |
| S24   | 2178  | first near2 emission and (second near2 emission)         | USPAT; JPO | AND              | OFF     | 2006/09/27 15:29 |
| S25   | 2     | S23 and S24  | USPAT; JPO | AND              | OFF     | 2006/09/28 20:24 |

## EAST Search History

|     |       |   |            |     |     |                  |
|-----|-------|---|------------|-----|-----|------------------|
| S26 | 1230  | real-time and quantif\$7 and pcr  | USPAT; JPO | AND | OFF | 2006/09/27 18:00 |
| S27 | 17    | S24 and S26   | USPAT; JPO | AND | OFF | 2006/09/27 18:43 |
| S28 | 3     | "1362928"   | USPAT; JPO | AND | OFF | 2006/09/27 18:44 |
| S29 | 0     | "1362928" and pcr   | USPAT; JPO | AND | OFF | 2006/09/27 18:44 |
| S30 | 188   | WITTWER and pcr   | USPAT; JPO | AND | OFF | 2006/09/27 18:45 |
| S31 | 0     | WITTWER and pcr and floorescence adj emission                               | USPAT; JPO | AND | OFF | 2006/09/27 18:45 |
| S32 | 0     | WITTWER and pcr and (floorescence adj emission)                             | USPAT; JPO | AND | OFF | 2006/09/27 18:45 |
| S33 | 0     | pcr and (floorescence adj emission)   | USPAT; JPO | AND | OFF | 2006/09/27 18:45 |
| S34 | 1129  | pcr and (fluorescence adj emission)   | USPAT; JPO | AND | OFF | 2006/09/27 18:45 |
| S35 | 61    | wittwer and pcr and (fluorescence adj emission)                             | USPAT; JPO | AND | OFF | 2006/09/27 18:46 |
| S36 | 18    | wittwer and pcr and (fluorescence adj emission) and (amplified adj product) | USPAT; JPO | AND | OFF | 2006/09/27 18:50 |
| S37 | 45529 | pcr   | USPAT; JPO | AND | OFF | 2006/09/27 18:50 |
| S38 | 20035 | (first or second) near8 emission\$1   | USPAT; JPO | AND | OFF | 2006/09/27 18:51 |
| S39 | 585   | S37 AND S38   | USPAT; JPO | AND | OFF | 2006/09/27 18:51 |
| S40 | 291   | S39 AND (first near10 emission\$1) and (second near10 emission\$1)          | USPAT; JPO | AND | OFF | 2006/09/27 18:52 |
| S41 | 219   | S39 AND (first near6 emission\$1) and (second near6 emission\$1)            | USPAT; JPO | AND | OFF | 2006/09/27 18:52 |
| S42 | 191   | S39 AND (first near6 emission\$1) same (second near6 emission\$1)           | USPAT; JPO | AND | OFF | 2006/09/27 18:53 |
| S43 | 166   | S39 AND (first near6 emission\$1) WITH (second near6 emission\$1)           | USPAT; JPO | AND | OFF | 2006/09/27 18:53 |
| S44 | 74484 | S43 and (real adj time) or (real-time) or (real\$1time)                     | USPAT; JPO | AND | OFF | 2006/09/27 18:54 |
| S45 | 59    | S43 AND ((real adj time) or (real-time) or (real\$1time))                   | USPAT; JPO | AND | OFF | 2006/09/27 18:54 |
| S46 | 33    | S45 and quantif\$8  | USPAT; JPO | AND | OFF | 2006/09/27 18:54 |

## EAST Search History

|     |     |   |               |     |     |                  |
|-----|-----|---|---------------|-----|-----|------------------|
| S47 | 23  | S46 and (target near4 sequence)         | USPAT;<br>JPO | AND | OFF | 2006/09/27 18:55 |
| S48 | 784 | multiplex WITH PCR                      | USPAT;<br>JPO | AND | OFF | 2006/09/28 20:25 |
| S49 | 53  | (multiplex WITH PCR) SAME<br>quantif\$7 | USPAT;<br>JPO | AND | OFF | 2006/09/28 20:25 |